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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re Application of:

DANIEL A. HENDERSON

Examiner: BARNIE, R.

Smc
3/32/02

Serial No. 09/477,167

Filed: 4 JANUARY 2000

Art Unit: 2743

For: METHOD AND APPARATUS FOR IMPROVED PAGING RECEIVER AND SYSTEM

RESPONSE

Hon. Commissioner of Patents
and Trademarks
Washington, D.C. 20231

Sir:

This is a response to the Office Action mailed 15 August 2001. Please charge any necessary fees for prosecution of this Application, which are not covered by the enclosed check(s) to Deposit Account No. 50-1060. Any required extension of time is hereby requested. Please charge any necessary fees for any extensions of time, which are not covered by the enclosed check(s) to Deposit Account No. 50-1060. Please cancel Claims 30-39 and add new Claims 40-269 to be submitted later.

CERTIFICATE OF MAILING
37 CFR § 1.8(a)

I hereby certify that this paper or fee is being deposited with the United States Postal Service as First Class Mail service under 37 C.F.R. § 1.8(a) on the date indicated below and is addressed to the Commissioner of Patents and Trademarks, P.O. Box 2327, Arlington, Virginia 22202-0327.

Date of Deposit: 15 Feb 2002
By:

1 19. (AMENDED ONCE) A method for use in a telephone network and a paging
2 system in order to establish communication between a page-originating
3 communicant and a page-receiving communicant, said method comprising:

4
5
6 initiating communication between a page-originating communicant and a page-
7 receiving communicant over a telephone network;

8
9 [receiving from a telephone network an incoming calling line identification
10 (ICLID)] transmitting to said paging system caller identification information
11 associated with a call placed by [a caller;] said page-originating communicant from
12 said telephone network, without requiring entry of said caller-identification
13 information by said page-originating communicant;

14
15 [dialing without caller interaction a directory number of a paging system;]

16 [transmitting said received ICLID to said paging system; and]

17 said paging system transmitting said [ICLID] caller identification information to a
18 paging device, thereby establishing communication between said page-originating
19 communicant and said page-receiving communicant.

1 20. (AMENDED ONCE) In accordance with claim 19 wherein a code is transmitted to
2 said paging system with said [a ICLID] caller identification information.

3 21. (AMENDED ONCE) A method in accordance with claim 19 wherein [said] a code
4 is transmitted before said caller identification information [ICLID].

5 22. (AMENDED ONCE) A method in accordance with claim 20 wherein said code is
6 transmitted after said [ICLID] caller identification information.

7 23. (AMENDED ONCE) A method in accordance with claim 19 wherein, after
8 transmitting said caller identification information [dialing said directory number
9 of] ~~to~~ said paging system, a personal identification code is transmitted.

10

1 24. (AMENDED ONCE) A [customer premises apparatus] wireless information
2 communication system connected to a[n analog] telephone line,
3 which establishes communication between a page-originating communicant and
4 a page-receiving communicant, said [apparatus] system comprising:

5 [means] a decoder for receiving from a telephone network caller identification
6 information and a memory buffer for storing [an incoming calling line] said caller
7 identification information [(ICLID)] associated with a call placed by a [caller] page-
8 originating communicant;

9 [means for] a receiver that receives a paging request over said telephone
10 network from said page-originating communicant [dialing without caller
11 interaction a directory number of a paging system]; and

12 [means] a transmitter for causing a [said] paging system to transmit said
13 [(ICLID)] caller identification information to a paging device identified to a page-
14 receiving communicant.

1 25. (AMENDED ONCE) A[n apparatus] system in accordance with claim 24
2 wherein said [means] decoder for receiving [and storing said ICLID] caller
3 identification information comprises a frequency shift key decoder [, and a mem ry
4 means] .

5 26. (AMENDED ONCE) A[n apparatus] system in accordance with claim 24 wherein
6 said transmitter is directly connected to said receiver [means for dialing
7 comprises a dual-tone, multi-frequency (DTMF) generator] .

8 27. (AMENDED ONCE) A[n apparatus] system in accordance with claim 24
9 wherein said [means for causing said apparatus] transmitter to transmit comprises
10 means for retrieving said ICLID from said means for receiving and storing said ICLID
11 and sending said ICLID through a DTMF generator.

12 28. (AMENDED ONCE) A[n apparatus] system in accordance with claim 24 further
13 including an automated checking routine [means for detecting signaling on] that
14 receives said caller identification information from said telephone line to coordinate
15 operation of said [means for dialing and said means] transmitter for causing
16 transmission of said caller identification information [ICLID] to said [paging system]
17 page-receiving communicant.

18 29. (AMENDED ONCE) A[n apparatus] system in accordance with claim 24 further
19 including a switch hook [means] for connecting said [apparatus] system to said
20 telephone line.

- 1 30. (CANCELLED)
- 2 31. (CANCELLED)
- 3 32. (CANCELLED)
- 4 33. (CANCELLED)
- 5 34. (CANCELLED)
- 6 35. (CANCELLED)
- 7 36. (CANCELLED)
- 8 37. (CANCELLED)
- 9 38. (CANCELLED)
- 10 39. (CANCELLED)
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